

GLOBAL ONLINE AUCTION

SOLAR & ELECTRONICS SECTOR SALE

Leading Solar & Electronics Suppliers
Featuring 3D Printer, Turbo Pumps, Dry Pumps, Power Supplies,
Gas Analyzers, Metrology Equipment, and More!

STARTING: February 26, 7:00 am **ENDING:** February 27, 10:00 am PST

LOCATION: 330 Hatch Dr. Foster City, CA 94404

PREVIEW: HGP will be hosting a one day open to the public inspection on 2/25/14 from 9:00am - 4:00pm PST



Scan this QR Code with your smartphone for More Information.



HERITAGE
GLOBAL PARTNERS

ASSET ADVISORY & AUCTION SERVICES

For more information including a photo gallery, equipment list, and more, please visit

www.hgpauction.com

Items subject to prior sale. Buyers are advised & encouraged to inspect equipment and read all Terms and Conditions prior to auction.



BIOPHARM ENGINEERED SYSTEMS/MILLIPORE 40 SQ-M-MF FILTER SKID SYSTEM

PASAN MEASUREMENT SYSTEMS

3 – Pasan Measurement Systems Sun Sim 3b Sun Simulation Unit, 230V, 50 Hz, 2,200 VA, mfg. 2010, s/n PAA0359 with Separate Light Box and Electronic Load BV66 s/n PAA0359, 230V, 500W, 50 Hz, mfg. 2010

1 – Pasan Measurement Systems Sun Simulator 111b Sun Simulation Unit, mfg. 502 Sun Simulator 111b, S.A CH 2000, s/n P314 mfg. 2008, 120V, 1 PH, 60 Hz, 2,200 VA, with Separate Light Box, PST101032, mfg. 2011, and Electronic Load BV67 mfg. 2008

2 – Pasan Measurement Systems B77 Flash Unit Sun Simulation Unit to include Separate Light Box

POWER DISTRIBUTION UNIT

1 – Intevac / SEIMANS P2C3OML600FTS Power Distribution Unit, 200Load Voltage, 208 (3 Phase) 475amps, @208v, 120amps @ 120v, 65k amps, 5060hz

ROBOTS STATION

1 – Adept LT1G30BOP101 (2) Adept # LT1 G30BOP101 Robots Station (2) With / (1) Adept T2 Pendant Robot & (1) Smart Controller CX, PN # 20000-310, Year 2009

DATA CART

1 – Engotron SV31-31001 Data Cart, With / Veiwsonic # VG930m Flat Panel Monitor, With Microsoft Keyboard & Mouse, & Keyence Scanner



PASAN MEASUREMENT SYSTEMS SUN SIM 3B SUN SIMULATION UNIT



PALL CENTRASETTE C-5AT FILTER SKID



INTEVAC / SEIMANS POWER DISTRIBUTION UNIT



HEATER ASSEMBLY & CONTROL UNIT



ADEPT LT1G30BOP101 (2) ADEPT # LT1 G30BOP101 ROBOTS STATION



ENGOTRON SV31-31001 DATA CART



SMC EX261 PROFIBUS DP (NPN)



Live Public Preview

Preview Will be Held on 2/25/14 from 9:00am - 4:00pm PST

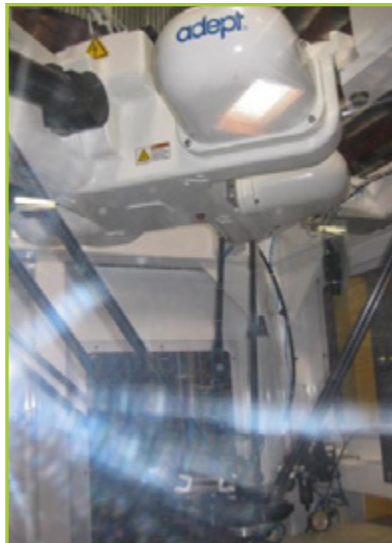
SOLAR &
ELECTRONICS
SECTOR SALE

THIN FILM MAPPING SYSTEM

1 – Filmetrics F50 / 205-0051 Thin Film Mapping System, Consisting of (1) Film Mapping System, (1) Hamamatsu # L7893 Series Fiber Light, (1) Dell Precision 390 Controller Computer & Samsung 22" Flat Panel Monitor



FILMETRICS F50 / 205-0051 THIN FILM MAPPING SYSTEM



ADEPT QUATTRO S650H ROBOT BASED SORTING SYSTEM, MFG. 2011



SUNLITE LASER INSPECTION MICROSCOPE



ELMASONIC MF4000 (12)
ULTRASONIC GENERATORS

SORTING SYSTEM

1 – Adept Quattro s650H Robot based sorting system. Uses optics based check for sorting wafers, The units were used to rapid sort solar cells into 5 bins, The unit has been professionally decommissioned and skidded, Mfg. 2011

LASER INSPECTION MICROSCOPE

1 – Sunlite Laser Inspection Microscope, Consisting of Laser Scope, 0.7 / 4.5 Objective, 10" Flat Panel Display, Sunlite # SNLTL0806 LCD Twin light Illuminator Fiber Light, Mitutoyo 164-162 Micrometer, & XY Stage

MICROSCOPE

1 – Lab Pro Boom Style Microscope, With / WD10X/22 Eye Pieces, & Illuminator Light

THIN FILM MAPPING SYSTEM

1 – Filmetrics F50 / 205-0051 Thin Film Mapping System, Consisting of (1) Film Mapping System, (1) Hamamatsu # L7893 Series Fiber Light, (1) Dell Precision 390 Controller Computer & Samsung 22" Flat Panel Monitor

CO2 AIR COOLED LASER SYSTEM

1 – Synrad Firestar T60 FST60328090410 CO2 Air Cooled Laser System, year 2009, 30VOLTS, Output Power 60W, Mode Quality M²?;1.2, Ellipticity <1.2, Rise Time <75µsec, Beam Diameter 2.0±0.3mm, Beam Divergence (full angle) 7.0mR, Wavelength 10.57-10.63µm, cold start (guaranteed)±7%, Polarization (Vertical), Cooling Air, Heat Load (max) 1400W, Flow Rate, air 130 CFM x2, With / Raylase # SS-SC-15 [C] D2 Splitter unit, With / Synrad Firestar T60 Power Supply

ULTRASONIC GENERATORS

1 – Elmasonic MF4000 (12) Ultrasonic Generators, PN # D-78224, Singen / HTW, 3 X 400V /AC, 4.2Kw, 5060hz, HF Frequency 35/130khz, All in a Double Door Cabinet

PUMPS

20+ – Adixen ATH 500M Turbo Pump

7 – Adixen ACP,15G Foreline Vacuum Pump

1 – Adixen A1003 P Foreline Vacuum Pump



FISCHER XDAL-237 TYPE: XMDVM-17.1-W, FISCHERSCOPE X-RAY SYSTEM

FISCHERSCOPE

1 – Fischer XDAL-237 Type: XMDVM-17.1-W, Fischerscope X-Ray System, With / Fisher Win FTM Light+Super PDM X530, 0030 Flash Drive, 115volts, 120watts, 5060hz, With / Dell Dimension E310 Tower Computer, With / Windows XP Media Edition 2055



3 HP BUFFER PREP PUMP W/CONTROL PANEL



CO2 AIR COOLED LASER SYSTEM

To view a complete asset list,
visit our website @ www.hgpauction.com



EDWARDS IGX6/100L 200V DRY PUMP



SP SENSORS



FELDMEIERS 2010 600 LITER STAINLES



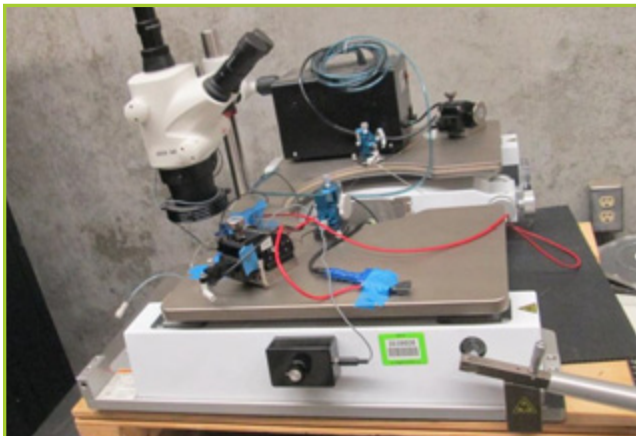
HEWLETT PACKARD 54602B OSCILLOSCOPE



TEKTRONIX 2465 BCT OSCILLOSCOPE



ASSORTED POWER SUPPLY'S



CASCADE MICROTECH M150 150 MM PROBING STATION



(5) RESIDUAL GAS ANALYZER UNIT



VAT A-960580 PNEUMATIC VACUUM GATE VALVE



MASS FLOW CONTROLLERS



JFW FIXED ATTENUATORS



ABEC 2005 200L VESSEL

HGP will be hosting a one day open to the public inspection on 2/25/14 from 9:00am – 4:00pm PST



HP 4396B NETWORK/SPECTRUM ANALYZER



AGILENT 34401A 6 1/2" DIGIT MULTIMETER



ROHDE & SCHWARZ FSIQ 7 SIGNAL ANALYZER



(20+) ADVANCED ENERGY PINNACLE POWER SUPPLY



SYLVAC D100S INDICATING UNIT



(2) FISHER MMS BETASCOPE



GW INETEK GPD-3303S DC POWER SUPPLY



BARTEC 5673-10 IN LINE MOISTURE ANALYZER



HP 8656B SIGNAL GENERATOR





HERITAGE
GLOBAL PARTNERS
ASSET ADVISORY & AUCTION SERVICES

February - 2014



AUCTIONEER'S NOTE

HGP is pleased to be selected to conduct this:

**SESS : Solar Electronics Sector Sale
High Quality Assets form Major Corporations**

ABOUT THE SALE

Please view our website at www.hgpauktion.com for the bidding instructions and the full terms of the sale. Thank you for your interest, and we look forward to providing you quality equipment sales and World Class Service.

THIS SALE FEATURES

3D Printer, Turbo Pumps, Dry Pumps, Power Supplies, Gas Analyzers, Metrology Equipment, Sorting System and Mucn More!



Scan this QR Code with your smartphone for More Information.

Contact Information

David Barkoff, Tel: +1 650.649.0147
Email: dbarkoff@hgpauction.com

A BUYER'S PREMIUM APPLIES FOR THIS SALE
(Refer to Term 7 in the Auction Terms and Conditions for details)



SESS : Solar Semi Sector Sale : February 26 - 27

Leading Solar & Electronics Suppliers Featuring 3D Printer, Turbo Pumps, Dry Pumps, Power Supplies, Gas Analyzers, Metrology Equipment, and More!



GLOBAL HEADQUARTERS

Hacienda Del Mar
12625 High Bluff Drive
San Diego, CA 92130
Phone: (877) 303.8040
Fax: (866) 388.8595

FIRST CLASS MAIL

POSTMASTER: Dated Material.
Please Deliver Promptly.

Presorted First
Class Mail
U.S. Postage
PAID
San Diago, CA
Permit No. 00

GLOBAL ONLINE AUCTION

Starting: February 26, 2014 - 7:00 am EST
Ending: February 27, 2014 - 10:00 am EST

AUCTION LOCATION

330 Hatch Drive, Foster City, CA 94404

AUCTION PREVIEW

HGP will be hosting a one day open to the public inspection on 2/25/14 from 9:00am - 4:00pm pst.

WOULD YOU LIKE TO SELL AN ASSET?

Simply call 1.650.207.0627 and speak with Kirk Dove, Managing Partner for more information. We will be glad to listen to your specific needs and from that HGP can prepare a detailed solution for your review that will maximize the returns for you're assets for the company and It's Shareholders.

For complete Terms of Sale, visit our website at:

www.hgpauktion.com

AFFILIATIONS

